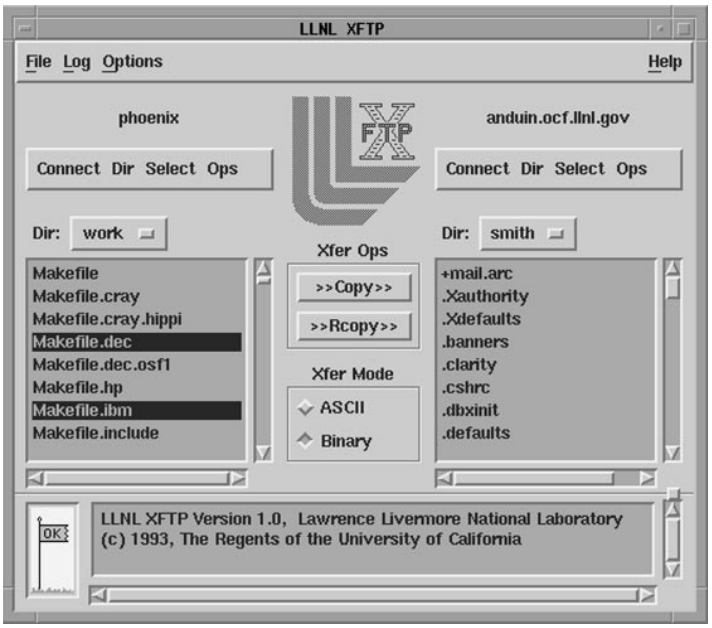
LLNL XFTP File Transfer Program

File management/transfer software for a distributed computing environment

The LLNL XFTP file transfer program was developed to enable scientists and engineers to more easily transfer and manage their files in an increasingly distributed computing environment. With the extensive file movement required for distributed computing, it is important to make file transfer and management as effortless as possible.

LLNL XFTP was developed to replace the most popular file transfer mechanism, the File Transfer Protocol (FTP). Though FTP is effective, its command-line user interface can be awkward to use. LLNL XFTP enables users to more easily transfer and manage files by using an intuitive point-and-click graphical user interface.



LLNL XFTP sports an intuitive graphical user interface to perform the transfers based on the X Window System, the OSF/Motif "look and feel" and FTP.

Features

One of LLNL XFTP's most impressive features is its ability to easily perform third-party file transfers; that is, file transfers between two computers neither of which is executing LLNL XFTP. Mechanisms are also provided for selecting a group of files to transfer.

ADVANTAGES

- *Easy data transfer between networked computers*
- *File management in a distributed computing environment*
- *Directory browsing and manipulation functionality*

In addition, LLNL XFTP offers elaborate directory browsing and directory manipulation functionality which works identically for both local and remote hosts. The user is able to:

- Rename entries
- Make new directories
- Delete groups of entries or entire directory substructures
- Move entries between directories
- View the directory entries in tabular form or with extra information (such as file size).

Usability enhancements

LLNL XFTP automatically caches wildcard expressions, paths of current directories, host names, and user names used in connecting to remote hosts thereby reducing the amount of typing and mouse movement required.

LLNL XFTP also presents the user with a graphical user interface for easily tailoring the program's behavior. An extensive on-line help facility is provided as well.

Requirements: Virtually any UNIX platform.

Availability: LLNL XFTP is available now. It can be freely used and distributed with a few restrictions. LLNL XFTP is copyrighted, and the University of California reserves all rights.

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